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47654 7590 11/17/2006
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|-----------------|-------------|----------------------|---------------------|------------------|
| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
| 10/614,535 | 07/07/2003 | Donald K. Mitchell | MICRE 012XX | 9121 |

TITLE OF INVENTION: MULTI-TRACK OPTICAL ENCODER EMPLOYING BEAM DIVIDER

02/14/2007 HGUTEM2 00000005 10614535

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|-----------------|--------------|----------------|---------------------|----------------------|------------------|------------|
| 10 FC:1501 | 1400.00 OP | | | | | |
| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
| nonprovisional | YES NO | \$700 \$1400 | \$300 | \$0 | \$1000 \$1700 | 02/20/2007 |
| EXAMINER | ART UNIT | CLASS-SUBCLASS | | | | |
| WILLIAMS, DON J | 2878 | 250-231130 | | | | |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

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(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. BainwoodHuang

2. _____

3. _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

GSI Group Corporation

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Billerica, MA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☒ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

James F. Thompson

Typed or printed name

James F. Thompson, Esq.

Date February 12, 2007

Registration No. 36,699

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